Use Attainability Analysis

for

WBID 0781 Hurricane Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Data Sheet A - Water Body Identification

8-digit HUC:	1030010	02		
Missouri WBI	D#: 0781			
County:	Howard			
Upstream Leg	al Description:	•	County Rd 231	
Downstream I	egal Description:	Hwy 84		
Upstream Coo	rdinates:	39. 20 4 94	W 092-76174	
Downstream (Coordinates: V	39, 20603	W 092.8404	11
Discharger Fac	cility Name(s):	G/asgow U		
Discharger Per	mit Number(s):	MO 00342		
Number of Sit	es Evaluated:)		
Name of Surve	eyor and Telephon	e Number:	Ican Bleibaum	816-622-7018
Organization:	Missouri	Dependent	A Abturet Res	816-622-7018 sources - KCRD
Position:	To viammenta	1 Special	9.0	7 (5)

Date: 7/13/05

heror Blafour

0781_HurricaneCr_Howard Greggs Creek County Rd 21s County Fd 210 Humicane Creekcares.missouri.edu Legend **Location Map**

0781_HurricaneCr_Howard Glasgow Coop Assnagla Wiscoutt sixa Greggs Creel 240 Glasgow Wwt f-Humicane Co Humcane Creek Little Humicane Creek cares.missouri.edu ∎1.07̇̃mi Legend **Location Map**

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	181-001		Site Location I	Description:	., (- 4				
Site GPS Coordinates: N	39.20496 WO92.	76173	County M	231	Howard	Lo.				
Date & Time: 4/13/			Facility Name: Glasgow WWTF							
	Ble, Laum		Permit Number: MO 0034240							
Current Weather Condition	ons: Partly Cloudy 80	r I	Weather Conditions for Past 7 days: Hot Hunil							
Photo Ids: Upstream: 2			1 to i , i laris							

Uses Observed*:		· · · · · · · · · · · · · · · · · · ·								
Swimming	Skin diving	SCU	BA diving	☐ Tubing		☐ Water skiing				
☐ Wind surfing	☐ Kayaking	☐ Boat	ing	☐ Wading		Rafting				
Hunting	Trapping	Fishi	ing	None of	the above	Other:				
Surrounding Condition items of interest.)	s*: (Mark all that promo	te or impe	ede recreational	uses. Attach pho	tos of evider	nce or unusual				
City/county parks	☐ Playgrounds ☐ N	MDC cons	servation lands	Urban ar	eas	Campgrounds				
☐ Boating accesses	☐ State parks ☐ N	National fo	orests	☐ Nature tr	ails	☐ Stairs/walkway				
☐ No trespass sign	Fence ⊠ S	Steep slope	es	Other: H	eavily woo.	led, comfield				
Evidence of Human Use	*•									
Roads	☐ Foot paths/prints	☐ Do	ck/platform	Livestock	Watering	RV / ATV Tracks				
Rope swings	☐ Camping Sites	Fire	e pit/ring	☐ NPDES I	Discharge	Fishing Tackle				
Other: Trash										
CI. T N. T	1									

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Pa	ge Two –	WBID #) 191 /001		Data Sheet	B - Site Character	iza	ition			
Str	eam Mor	phology:	;		y i ona.						
	Upstream ☐ Riffle	Width (ft	<u> </u>		ength (ft):	Avg. Depth (ft):		M	ax. Depth (ft):	
	Run	Width (ft			ength (ft):	Avg. Depth (ax. Depth (ft):	<u> </u>
	Pool	Width (ft	4		ength (ft):5	Avg. Depth (1.0 ft		ax. Depth (ft): /. O	Ft
	Flow	Present?	Yes	⊠ N		Estimated (ft				, , , , , ,	
	Downstre	am View	Physica	l Dim	ensions:						
ĺ	Riffle	Width (ft)			ength (ft):	Avg. Depth (ft):		M	ax. Depth (ft):	
	Run	Width (ft):	L	ength (ft):	Avg. Depth (ft):		M	ax. Depth (ft):	
	Pool	Width (ft)			ength (ft): 30		-			ax. Depth (ft):	15 Ft
	Flow	Present?	Yes	□N	· · · · · · · · · · · · · · · · · · ·	Estimated (ft			-100		· <u> </u>
Aq				% Grav		% Sand 30		% Silt	% N	Mud/Clay 300 °	% Bedrock
Wa	ater Char	acteristic	cs*: (Marl	c all tha	t apply.)						
	Odor:		Sewage	[Musky	Chemical	Z	None	Ē	Other:	
	Color:		Clear		Green	☐ Gray] Milky		Other:	
	Bottom De		Sludge		Solids	Fine sediments	Ē	None		Other:	
	Surface De	posit: L	Oil		Scum	☐ Foam	<u> </u>	None		Other:	
*Theometer decirations in the contract of the	is information prehensive ision on the he understasheet is	on is not to understand recreation t signed, he true and	be used so ing of wate use analysi ereby aft accurat	olely for er cond is but m firm to e.	r removal of a itions. Consect ay point to conto the best of	recreational use designated use the designation of	ation is er a	on but rather not intended malysis or th	is to produced to directly in the distance of	rovide a more ectly influence a ct another use.	
Эrg	ganization	Mol	DNR	- /	CRO	Position	ı: _	Env.	Spec	relist	

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Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 07	241-002	Site Location De	escription:	$\Gamma \Lambda$
Site GPS Coordinates:	V39.20506 WOP2	. 18563 Count	1 Rd 233 How Glasgow WWTT	perd to.
Date & Time: 7//	3/05	Facility Name:	GLASOON WINTE	
Personnel: Accon	Bleibaum	Permit Number:	NO 0034240	
Current Weather Condit	ions: Clowly 49	Weather Conditi		It. Hanil
Photo Ids: Upstream:	17-18 Downstr			, , , , , , , , , , , , , , , , , , , ,
ses Observed*:	·	<u> </u>		Т
Swimming	Skin diving	SCUBA diving	Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	Wading	Rafting
Hunting	Trapping	Fishing	None of the above	Other:
				. •
	. ; ·			
	ns*: (Mark all that prom	ote or impede recreational u	uses. Attach photos of evide	ence or unusual
ms of interest.)				
		ote or impede recreational u	ises. Attach photos of evide	ence or unusual
ms of interest.)	☐ Playgrounds ☐		☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway
ms of interest.) City/county parks	☐ Playgrounds ☐ ☐ State parks ☐	MDC conservation lands	☐ Urban areas	☐ Campgrounds ☐ Stairs/walkway
ms of interest.) City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ ☐ State parks ☐ ☐ Fence	MDC conservation lands National forests	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway
ms of interest.) City/county parks Boating accesses No trespass sign	Playgrounds State parks Fence	MDC conservation lands National forests Steep slopes	☐ Urban areas ☐ Nature trails ☐ Other: House - 10	Campgrounds Stairs/walkway
ms of interest.) City/county parks Boating accesses No trespass sign vidence of Human Us	Playgrounds State parks Fence Foot paths/prints	MDC conservation lands National forests Steep slopes Dock/platform	☐ Urban areas ☐ Nature trails ☑ Other: House - 10	Campgrounds Stairs/walkway N. Hils A
ms of interest.) City/county parks Boating accesses No trespass sign	Playgrounds State parks Fence	MDC conservation lands National forests Steep slopes	☐ Urban areas ☐ Nature trails ☐ Other: House - 10	Campgrounds Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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ge Two – WBID ream Morpholog Upstream View	gy:		•			
Riffle Width	•	Length (ft):	Avg. Depti	h (ft):	Max. Depth	(ft):
☐ Run Width	(ft):	Length (ft):	Avg. Depti	h (ft):	Max. Depth	(ft):
Pool Width	(ft): 54	Length (ft):	Avg. Depti	h (ft): 1.5ft	Max. Depth	(ft): 2.5 f}
Flow Presen	t? X Yes	□No	Estimated	(ft³/sec): Extra	emely slow	
Downstream Vi	ew Physica	l Dimensions:				
☐ Riffle Width		Length (ft):	Avg. Depti	h (ft):	Max. Depth	(ft):
☐ Run Width	(ft):	Length (ft):	Avg. Deptl	h (ft):	Max. Depth	(ft):
Pool Width	(ft): 5 ⁴	Length (ft): 5	Avg. Deptl	h (ft): /, 5f4 (ft³/sec): Exhc	Max. Depth	(ft): 2.067
Flow Presen	t? X Yes	□No	Estimated	(ft³/sec):	rala start	
uatic Vegetation		% Gravel	% Sand 3	% Silt sessment site)	% Mud/Clay	/O % Bedro
uatic Vegetation	1*: (note amo	% Gravel ount of vegetation or a			% Mud/Clay	/O % Bedroo
uatic Vegetation	1*: (note amo	% Gravel ount of vegetation or a			% Mud/Clay	/O % Bedroo
uatic Vegetation خوام % موام	n*: (note amo	% Gravel ount of vegetation or a	algal growth at the as	sessment site)	Other:	
nter Characteris Odor: Color: Bottom Deposit:	tics*: (Mark	ount of vegetation or a all that apply.) Musky Green Solids	Chemical Gray Fine sediments	sessment site) None Milky None	☐ Other: ☐ Other: ☐ Other:	
nter Characteris Odor: Color: Bottom Deposit: Surface Deposit:	tics*: (Mark Sewage Clear Sludge Oil	ount of vegetation or a state of the state o	algal growth at the as	sessment site) None Milky None None	Other: Other: Other: Other:	Nerky
natic Vegetation 5% 150 nater Characteris Odor: Color: Bottom Deposit: Surface Deposit: mments: Please is information is not aprehensive understation on the recreation	tics*: (Mark Sewage Clear Sludge Oil attach addit	ount of vegetation or a state of the state o	Chemical Gray Fine sediments Foam	None None None None None Intion from interestion is not intended ther analysis or the	Other: Other: Other: Other: Other: tryiews) to this this is to provide a modulate effect another to	form.

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Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

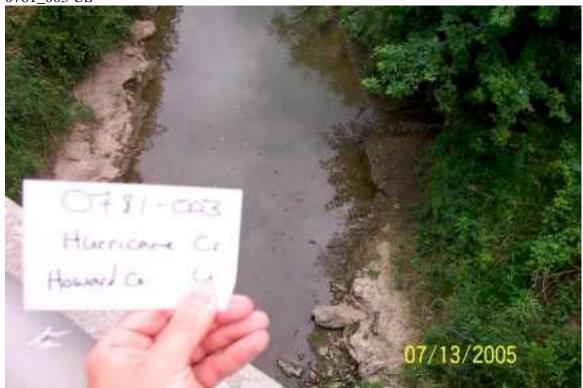
·									
Missouri WBID #:	1781-003		Site Locat		-, <i>-</i>				
Site GPS Coordinates:			Hwy 87						
Date & Time: 7/13/	1-	:56 AM	Facility Name: Glasgow WWTF						
Personnel: Acco	in Bheibaux		Permit Number: MO 0034240						
Current Weather Condition		40°F	Weather Conditions for Past 7 days: Homil						
Photo Ids: Upstream:		vnstream: 15	110	Other:	· /	777-7			
		1.7	ι φ	L		· · · · · · · · · · · · · · · · · · ·			
Uses Observed*:									
Swimming	Skin diving	SCU	BA diving		☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	Boar	ting		Wading	Rafting			
Hunting	Trapping	☐ Fish	ing		None of the above	Other:			
Describe: (include number	er of individuals rec	reating, freque	ncy of use,	photo-c	locumentation of evidence	of recreational uses, etc.)			
1									
)									
)									
Surrounding Condition	s*: (Mark all that properties of the properties of the second content of the second co	promote or imp	ede recreat	ional us	es. Attach photos of evider	nce or unusual			
items of interest.)									
☐ City/county parks	☐ Playgrounds	☐ MDC con	servation la	ands	Urban areas	☐ Campgrounds			
☐ Boating accesses	State parks	☐ National f	orests	orests Nature trails Stairs/					
☐ No trespass sign	Fence	Steep slop	oes Other: Timber, corn fields						
Evidence of Human Use	* *:								
又 Roads	Foot paths/prin	nts Do	ock/platform	n	Livestock Watering	RV / ATV Tracks			
☐ Rope swings	Camping Sites	☐ Fii	re pit/ring		NPDES Discharge	Fishing Tackle			
Other:									

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two – V	WRID #	7781-00	3 Da	ta She	eet B - Site	Character	riza	tion					,
Stream Morj Upstream	phology:			ne•	3 .								
Riffle	Width (ft)	•		th (ft):		Avg. Depth ((ft):		Max.	Depth (ft):		
Run	Width (ft)		Leng	th (ft):	100	Avg. Depth ((ft):	1.0A	Max.	Depth (ft):	1.75 A	-
Pool	Width (ft)	: .	Leng	th (ft):		Avg. Depth ((ft):	, ,	Max.	Depth (ft):		
Flow	Present?	Yes	☐ No			Estimated (ft	t ³ /sec): O.Z	Ft3/se	,د			
Downstrea	am View	Physica	l Dimens	sions:									
Riffle	Width (ft)	*		th (ft):		Avg. Depth ((ft):		Max.	Depth (ft):		
Run	Width (ft)	:20	Leng	th (ft):	100	Avg. Depth ((ft):	1.0F+	Max.	Depth (ft):	1.5ft	
☐ Pool	Width (ft)	:	Leng	th (ft):	,	Avg. Depth ((ft):		Max.	Depth (ft):		
▼ Flow	Present?	Yes	☐ No			Estimated (ft	t ³ /sec	c): 0.2	ft3/sec				
Substrate*:	(These value Cobble		add up to % Gravel	100%.)	% San	1 90	9,	% Silt	% Mud	Clay/	-	% Bedro	ock
15% al		s*• (Morl	all that an	unly:)									
Odor:		Sewage		Ausky	Ch	emical	Ø	None	Otl	her:			
Color:		Clear	Z 0	reen	Gr	ay		Milky	Otl	her:			
Bottom Dep		Sludge		olids		e sediments		None		her:			
Surface Dep	oosit: L	Oil		cum	☐ Fo	ım	×	None	L Oti	her:			
*This information comprehensive to decision on the rate of the understanding the state of the thick of the understanding the unde	on is not to inderstandi ecreation u igned, he rue and	be used so ng of wate se analysis ereby aff accurate	lely for real representation of the second s	moval on the contract of the c	of a recreation asequently, the conditions the t of my kn	nal use design is information nat need furth owledge, the	nation in is n ner an	n but rather is not intended nalysis or tha all inform	s to provice to directly teffect an	de a monor influer to their use	re nce a se. d on	this UAA	Ā
Signed:	n	SANAM	nersau l	· w		Date:		115/05		-/-			
Organization:						Position	n:	ENV.	pecu	les 1			

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